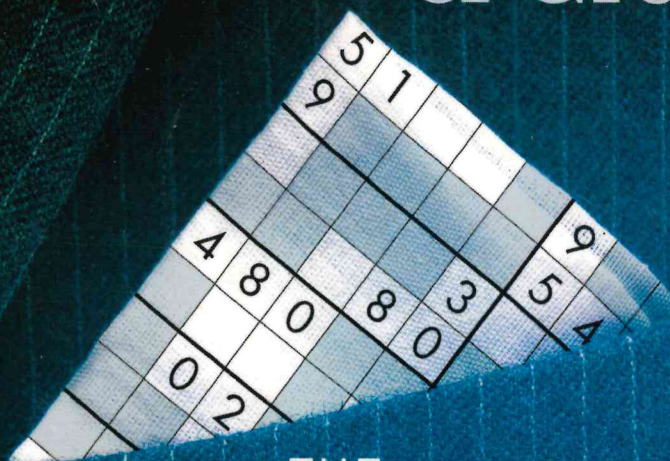


# Fifty Squares of Grey



THE  
SPANKING-NEW  
SUDOKU VARIANT

Brainfreeze Puzzles,  
Philip Riley & Laura Taalman

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# Introduction

This is a book of sudoku variants, perfect for anyone who finds regular sudoku just a little too . . . *vanilla* for their tastes. The first thing you'll notice about these puzzles is that they're a little more imposing than usual, featuring not 9×9 but 10×10 grids, which contain the digits 0–9. The regions consist of ten 2×5 rectangles and 50 grey squares that determine five additional regions. This sudoku variant's rules, which you must obey without question, are:

- Each row and column must contain the digits 0–9 exactly once
- Each 2×5 rectangle must contain 0–9 exactly once
- Each grey shaded region must contain 0–9 exactly once

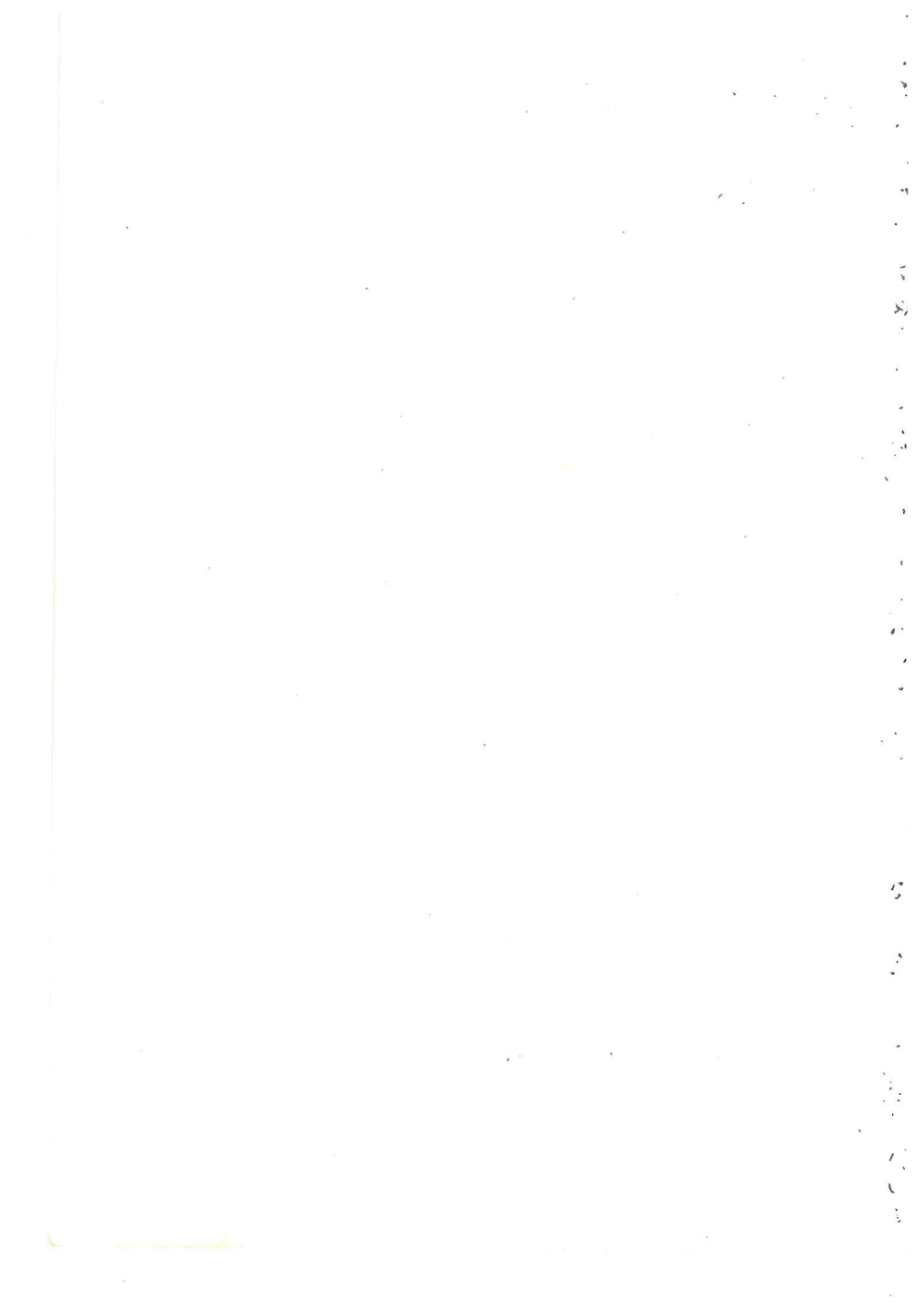
The shaded squares that make up the grey regions may be connected orthogonally or diagonally, and no regions touch any other regions at all. The demanding part is figuring out how to take full advantage of the grey regions to help you solve. If you find that these puzzles really have you whipped, remember the strict rule that each grey region has each digit in it only one time.

There are 75 puzzles in this book, 25 each of three increasing levels of difficulty, indicated by illustrations at the bottom of each page. The puzzles start out somewhat sadistic (accompanied by a necktie), become comparatively cruel (sporting a mask), and end up positively punishing (with handcuffs). Good luck!

—Philip Riley and Laura Taalman  
Brainfreeze Puzzles

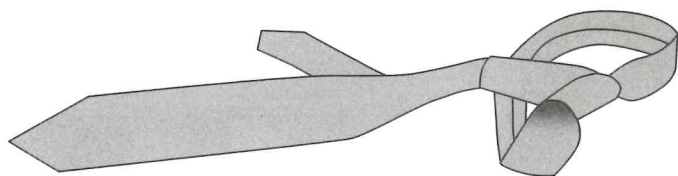
## About the Authors

Philip Riley is a software developer at Rosetta Stone and Laura Taalman is a mathematics professor at James Madison University in Harrisonburg, Virginia, where they live with their 8-year-old son, Calvin, and their cat, Blue (who is actually grey).



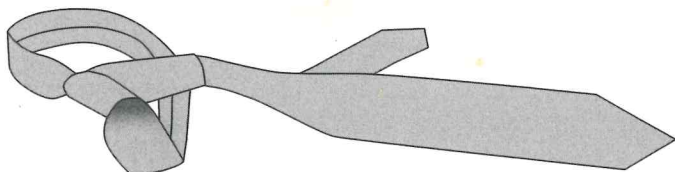
# Puzzle 1

5	1	47	24	24	9				
9				27	5	4	1	7	2
		1		3		5	7		
			8	0	3	69	2	1	
4	8	0	1	9	7	3			
				6			4	9	1
	0	2			6	1			
1	6	3	9		4				
			3	1					8
				8				3	7



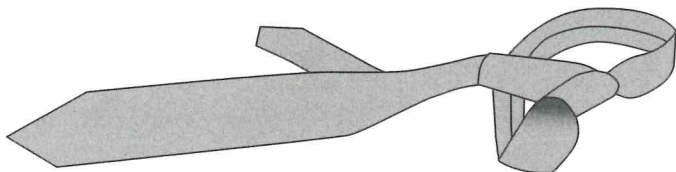
## Puzzle 2

034 579	02 49	023 59	8	03 45	33 59	2 4	1 79	13 17	6
1	24 69	23 9	7	34 68	3 59	2 4	8 9	5	0
8	7	0	1	2	5	6	4	9	3
034 79	5	6	34 9	13 4	1	7	2	0	8
0 5	06 27	4	2	0 56	7	3	8	1	9
39	8	1	13 69	7	6	5	0	4	2
45 7	24 6	25 7	45 6	9	0	1	3	8	5
35	1	8	0	35 5	4	9	6	2	7
2	3	5 67	6	7	9	0	5	6 7	4
6	4 9	15 99	5 9	14 5	2 9	8	25 79	3	1



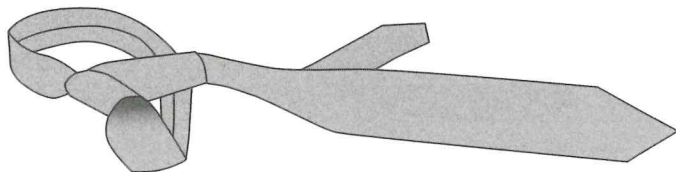
# Puzzle 3

3	8	5	07	1	01	2	4	6	7
4	7	6	09	2	5	3	8	01	08
2	0	8	04	4	1	15	3	11	6
6	3	9	1	3	8	0	2	57	4
16	4	0	23	3	12	126	5	123	23
8	2	7	69	14	67	78	9	47	8
1	2	7	34	3	01	6	9	01	03
5	9	1	7	8	02	4	6	023	02
9	6	3	02	0	012	127	1	02	5
7	1	4	469	49	79	89	8	9	
0	5	2	39	3	4	6	7	8	1



## Puzzle 4

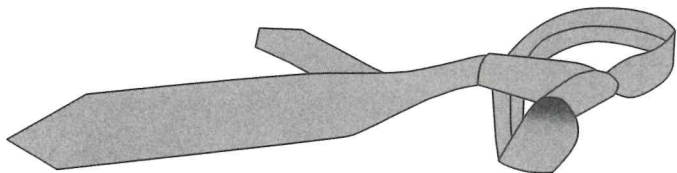
1	05 9	25 79	8	3	6	4	02 79	25 79	05 79
05 67	04 69	146 79	34 67	2	5	78 7	037 89	137 89	01 9
23 6	25 68	23 56	35 6	0	1	27 8	246 789	247 89	5 69
4	25 68	12 56	9	7	0	25 68	2 68	25 8	3
6	3	8	2	5	7	9	1	0	4
9	7	0	1	4	8	3	5	6	2
5	14 6	134 17	34 7	6	2	0	47 9	14 79	8
02 78	012 48	12 47	47	9	3	56 7	46 7	14 57	15 6
23 7	25 69	235 67	35 67	1	4	256 8	023 68	235 8	05 6
23	245 69	234 569	0	8	9	1	23 0	23 5	7



I did it in  
Halifax - lol!! 06-18-15

## Puzzle 5

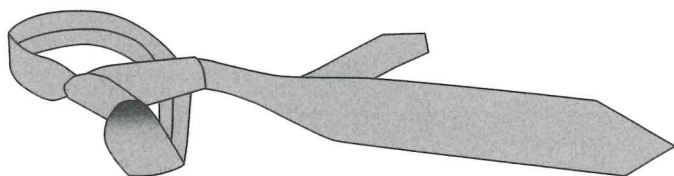
					3	2			
	9	1					6		
8	5	2	6	9					
4	1	7	3	0	5	8	9	2	6
	6	3		8		5	7		
		4	5				8	0	
		9	8	3	0	6	4	1	5
					8	7	2	3	9
		5					1	6	
			9	1					





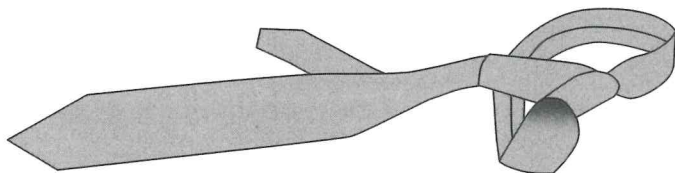
# Puzzle 6

6	01	02 3	01 3	02 3	7	5	9	8	4
5	7	4	9	8	16	16	3	2	0
14	4	27 8	14	5	3			0	
					2	4		7	
		1	8			0			
			2			3	7		
	3		6	9					
	2			1	0				
	8	6			4	7		9	
9		5	7						3



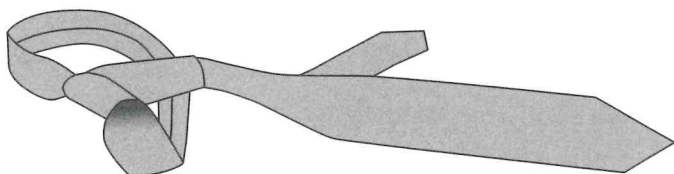
# Puzzle 7

			2			1			
	8				4	6		3	
0	6		8		9		1		
9			4	1					8
		8	5				3		9
7		4				2	6		
5					0	8			6
		0		8				1	5
	2		9	4				7	
			0			9			



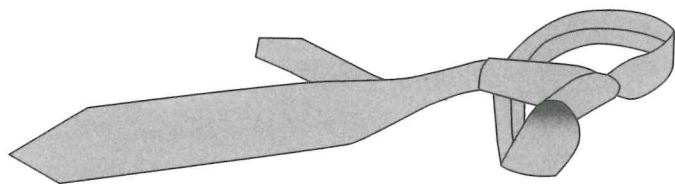
## Puzzle 8

								9	2
6	7				5	1			0
7	5	9			1	0			
		3	0			7	5		
							8		
		4							
		0	4			9	7		
			8	7			3	4	6
8			2	6				5	1
4	3								



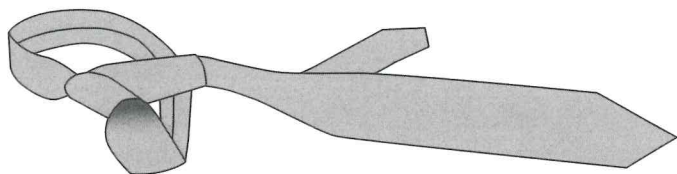
## Puzzle 9

						6		7	
3			4	2		9			
				6		5			
		1	8	7		2		0	
5		7						3	4
4	0						9		2
	2		7		9	3	6		
			9		7				
			6		5	1			0
	8		0						



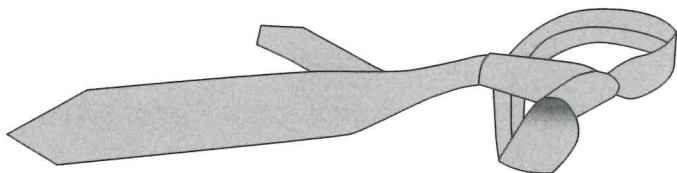
## Puzzle 10

4	6		9	7					
			1	0		4			
						0			
9			8				1	6	
3			2			6	7	4	
	0	5	6			9			3
	1	4				8			2
			0						
			3		2	1			
					6	5		0	8



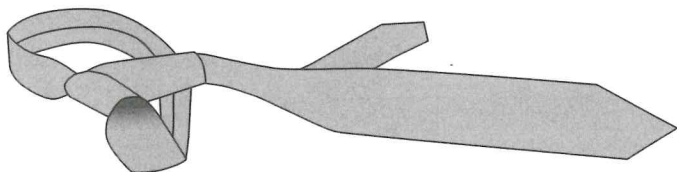
## Puzzle 11

						1		8	
		7	4		9	2			
	6			9					
	4			7	3				6
		9	8		1	6		3	
	0		3	2		8	5		
5				8	0			7	
					8			5	
			7	6		4	3		
	2		1						



## Puzzle 12

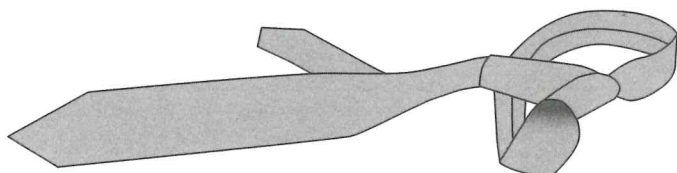
5			8	1					
0					5	8			
			7		0	3			
9			3				4	6	
6			4				5	8	
	3	7				4			2
	8	1				0			6
			0	2		5			
			6	7					0
					4	2			7





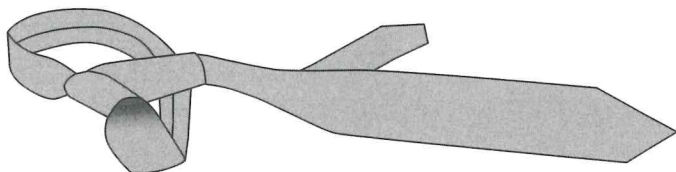
## Puzzle 13

0		4			2				
	1				0	6			
8				1	3				
			4	2				9	
		3	0				9	6	
	5	7				8	0		
	8				9	1			
				7	6				3
			2	4				5	
				9			2		4



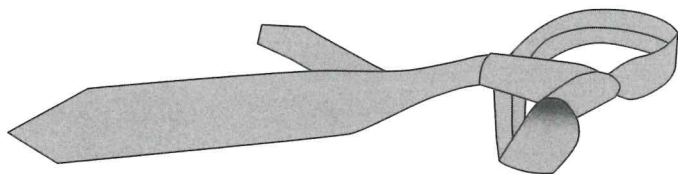
## Puzzle 14

				2	3	4		5	
5						7			
				6					
0	7		3	9		6			
6						5	1		8
7		1	0						9
			8		1	9		7	3
					5				
			4						2
	2		9	7	4				



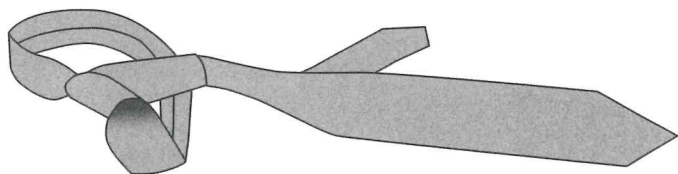
## Puzzle 15

					6	1		8	0
		8		9	3				7
	6	9			4				
			7			5			2
	0			1			8		
		6			0			4	
2			9			4			
				6			3	9	
1				7	8		5		
4	5		8	0					



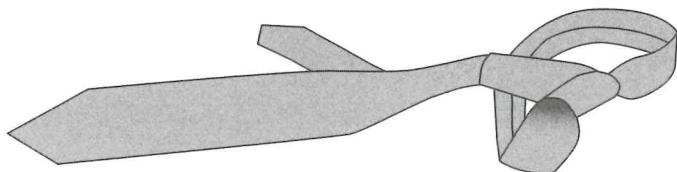
## Puzzle 16

0						4		5	8
5		6	4	8					
		8		0					
7		3					6	0	1
					4		9		2
9		1		6					
2	7	0					5		4
					1		0		
					5	3	8		6
3	6		8						7



## Puzzle 17

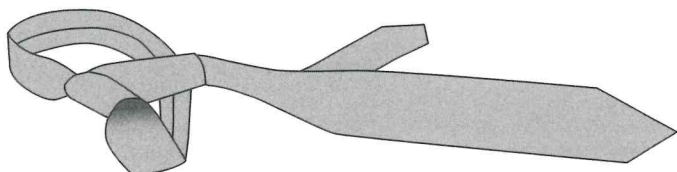
								3	
			4	9	7		6		0
6		5		8	1				
	0				6	2			
	7	3				5	2		
		6	9				7	8	
			1	4				0	
				0	3		9		7
8		0		2	5	7			
	6								



don't eat Cheerios, guys! Eat Tim Hortons donuts!

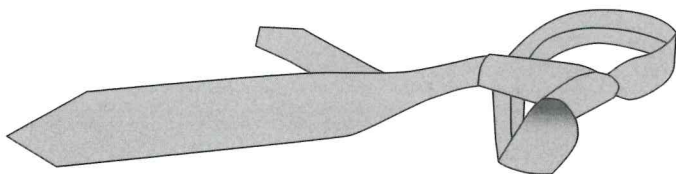
## Puzzle 18

267 89	4	02 57	46 79	256 89	023 79	035 89	07	1	023 57
0	3							6	8
		1	5	0	8	6	2		
		8			5		1		
		9				2	3		
		6	3				4		
		4		7			9		
		3	8	1	6	7	5		
5	6							3	9
	1							0	



## Puzzle 19

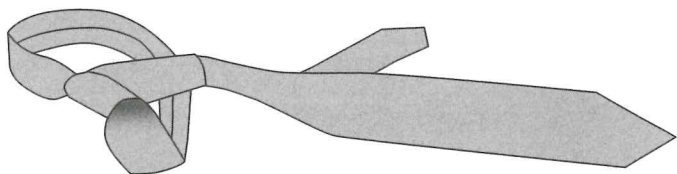
2	03 5	01 3	13 5	6	8	17 9	135 79	01 57	4
01 48	03 58	01 34	9	7	01 25	6	13 5	01 5	02 35
46 9	25 79	246 79	0	24 59	124 57	3	145 678	145 678	56
46	1	8	34 56				0	9	
7				1				2	8
5	4				3				7
	6	5					2	3	
			2			5			
			7		9	0			
3				8	6				1





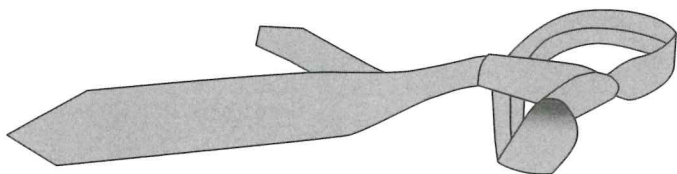
## Puzzle 20

5	3						9		6
6				9					0
				2		8			4
	8		0			5			1
	9		6			0			
			5			2		7	
0			3			4		5	
1			4		0				
4					7				2
7		1						8	3



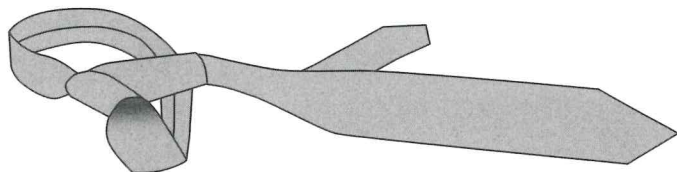
## Puzzle 21

	7		3	1			8		5
			8						
				5	0	3	1		9
	9						7		
1			4			9	6		
		6	5			1			0
		2						3	
4		3	9	8	2				
						0			
5		4			9	7		6	



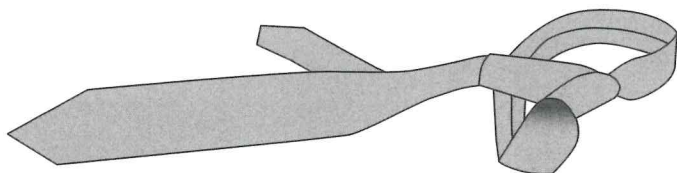
## Puzzle 22

8				1	9				
0					5	8			
			7			4	0		
			4				3	2	
5			0					9	2
4	1					6			7
	5	7				0			
		9	6			3			
			1	2					6
				0	8				1



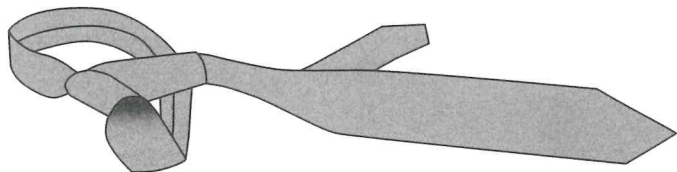
## Puzzle 23

236 789	237 89	36 7	23 8	236 79	012 45	5	12 4	01 28	
03 8	0	4	1	5	38	9	7	6	23 8
0123 4579	123 479	03 57	6	8	0123 59	3			
						4	8		
	5	9	4			2	0		
		2	0			7	3	4	
		1	5						
					2	0			
	6	8	9		7	1	5	3	
			7						



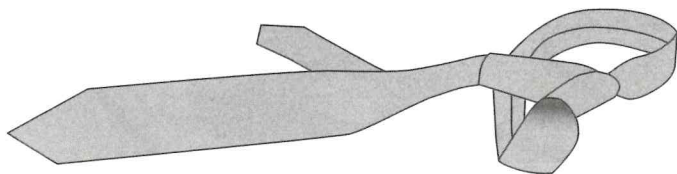
## Puzzle 24

			8				6	5	1
			4						8
		5		4	9	7			2
						1			0
	7	6	0			3			
			2			8	0	7	
6			1						
9			5	3	6		1		
1						5			
2	0	4				6			



## Puzzle 25

	7							4	3
9									
2			0	8	5				
		9	3		2	1	7		
	3	2					0		
		4					8	9	
		8	2	1		9	5		
				7	6	3			8
									5
4	0							1	



## Puzzle 26

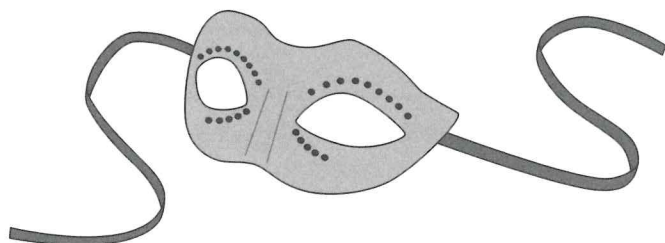
7				1	6	8	3		
					4				
			2	9	5	3			
8									
9	6	0				5	4		
		8	4				0	1	7
									2
			9	3	1	7			
				0					
		6	3	2	8				5





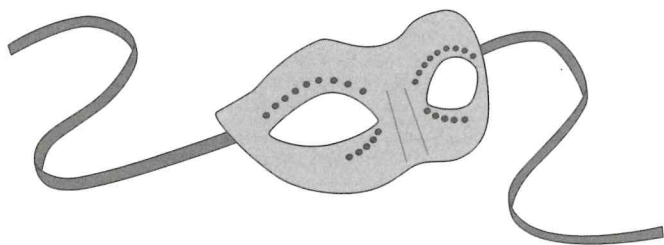
## Puzzle 27

		4	9						7
3					9	2			
2					0	4			
							8	5	
	4	8			5		2	1	
	1	0		9			4	6	
	7	9							
			3	8					4
			1	0					5
6						8	9		



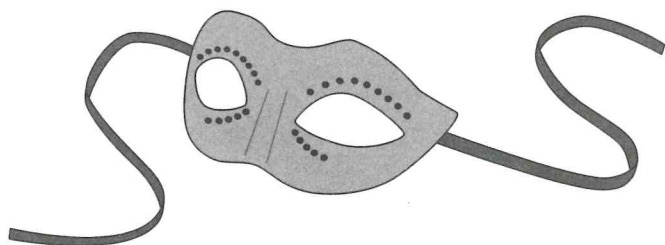
## Puzzle 28

	5	7							0
3			9					4	2
0			5	6			3		
	1				8	6			
		2				0			
			6				7		
			2	7				8	
		0			9	7			6
5	2					3			8
6							4	5	



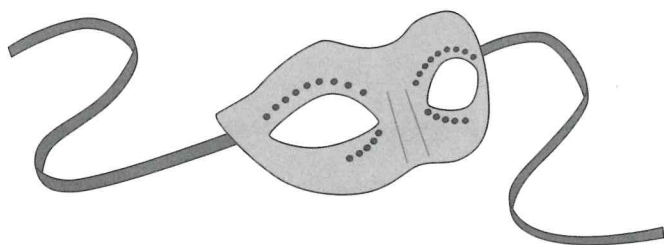
## Puzzle 29

	7	0		8	2				
1	9					6			
3				0			5		
			2	6				8	
		9	1						5
8						9	4		
	2				8	1			
		6			0				2
			0					6	9
				7	5		0	4	



## Puzzle 30

7	1		2						
0	4				1				
				0	6	9			
8							2		
		5					1	8	
	6	4					7		
		6							5
			7	9	2				
				4				2	9
						8		3	6



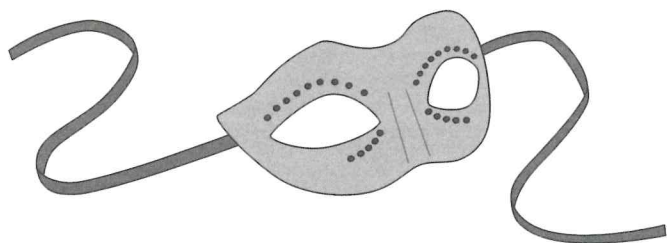
## Puzzle 31

						7		9	2
	7				5	3			8
2	6	3				8			
		9	0	8					
							1		4
8		0							
					2	4	0		
			4				5	7	6
5			6	7				3	
1	8		9						



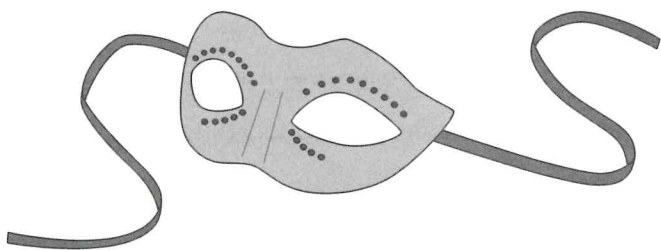
## Puzzle 32

					0	8	5		9
		0		8	2				
	2			6	7				3
						4			1
	1	6					3	7	2
3	5	7					4	0	
7			2						
9				0	8			2	
				3	4		8		
6		4	8	5					



## Puzzle 33

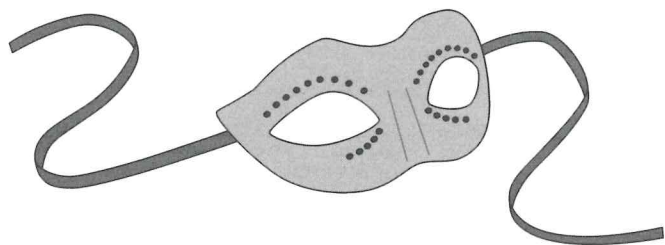
						7	5	9	
	2	5	0			3			
	3				4				
				2	8	0			1
					9			4	7
6	1			9					
2			7	8	1				
				4				6	
			3			9	1	8	
	9	6	5						





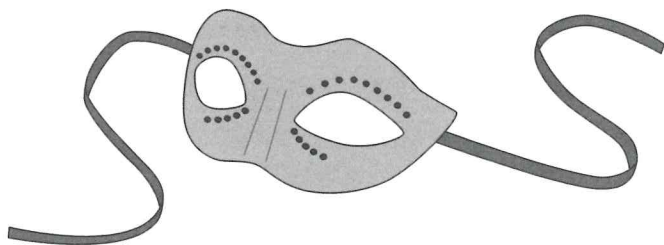
## Puzzle 34

		9							7
1		8	4					2	3
2	9		7			8		0	
	3				1	9			
					6				
				9					
			1	3				8	
	8		5			0		1	2
6	0					3	8		1
7							5		



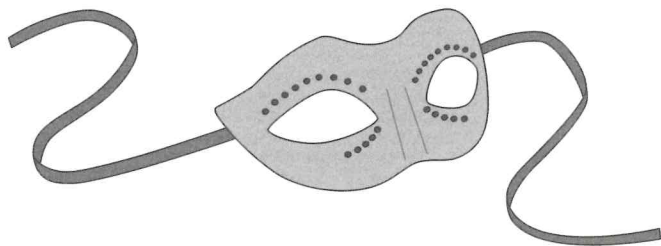
## Puzzle 35

					5				2
		9	4	1					
	7	3			6				
	9				7	3			
	2			6		7	0		3
8		0	3		1			2	
			2	8				6	
				3			1	7	
					9	8	5		
6				9					



## Puzzle 36

			5		8	4			
	6					7	5	2	
4	0								
8			7	3	0				1
			4						6
1						0			
7				2	5	3			9
								1	7
	5	3	9					8	
			2	8		6			



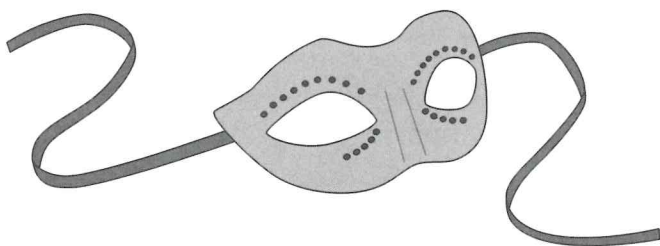
## Puzzle 37

			1	7			5		3
								7	
			4	8	3				9
		5				7			
	5		9			4			6
0			3			5		1	
			0				6		
1				6	2	0			
	7								
4		8			9	2			



## Puzzle 38

								1	7
		3						5	8
2	6	5			9				0
				8	1	5			
						3	1		
		1	9						
			4	3	7				
8				6			2	3	4
9	4						8		
7	3								



## Puzzle 39

				1	2	4			
6		3					5		
5		7	1				0		
3			0	4		2	7		
	0					8			
			7					3	
		0	9		5	6			3
		5				7	4		0
		1					8		9
			8	9	3				



## Puzzle 40

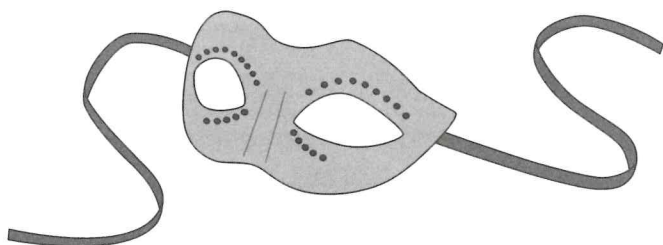
	8				0	3	9		4
3				4	8				
			5	2					
	6	0	1			7			2
6	5								7
9								5	0
1			4			0	2	6	
					7	4			
				3	9				1
2		4	9	1				3	





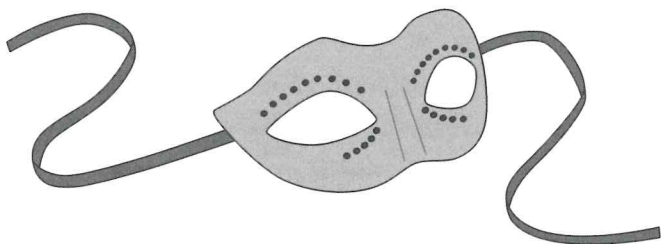
## Puzzle 41

						0			
	2		6	5			8	4	
			4	8			7	2	
1	7								
		2	3			6	9		
		6	7			3	0		
								1	6
	8	1			9	4			
	4	8			0	7		3	
			0						



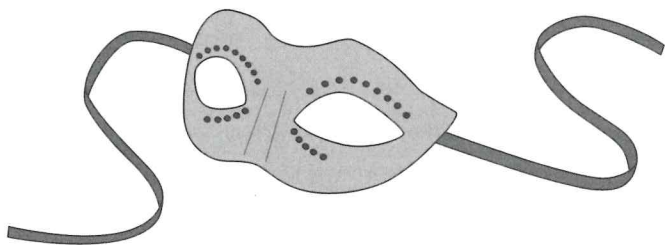
## Puzzle 42

						5	0	9	
		5	0		2	8			
	4				1				
	1					4			
	2	0				3	6		9
1		9	8				5	0	
			2					4	
				0				6	
			4	1		9	2		
	8	3	5						



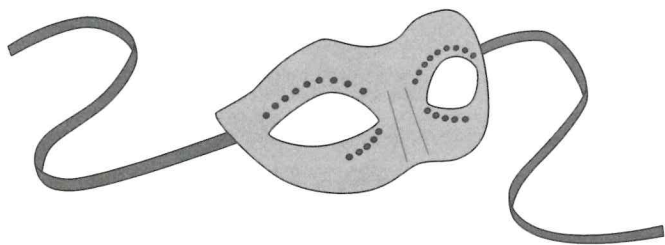
## Puzzle 43

	0							5	
8	3							9	4
	1	7	4	6			9		
		8			6	7			
		0				4			
			3				2		
			2	3			8		
		6			0	3	1	7	
7	4							1	0
	9							8	



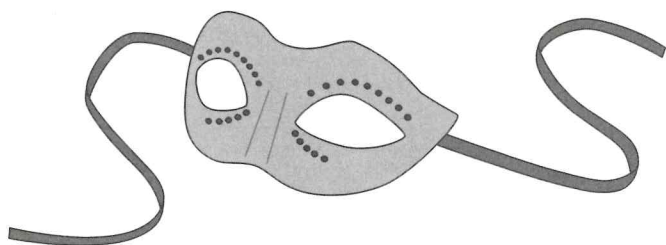
## Puzzle 44

					1	0	5		7
		7	4		9				
	8	5							3
				1	2	8			6
			0			7		1	2
2	6		1			4			
9			5	8	3				
6							9	8	
				3		5	4		
1		4	7	0					



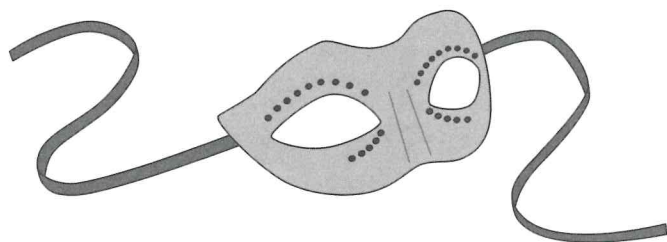
## Puzzle 45

	6		3	1			9		
			8						
					9	0			1
	0						8		2
4	7		0				6		
		3				9		5	7
5		7						6	
3			1	6					
						8			
		0			7	2		9	



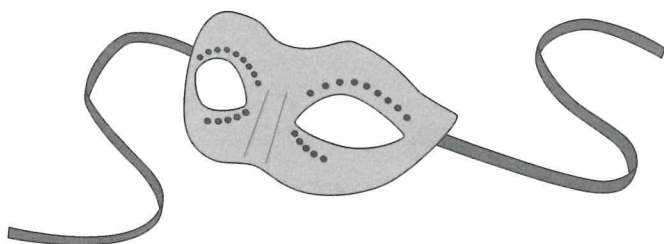
## Puzzle 46

					2				
	8				4		5	7	
	2				6		3		
	6	3	4	7	1				0
									4
0									
4				8	5	6	9	2	
		2		9				3	
	9	7		3				0	
				1					



## Puzzle 47

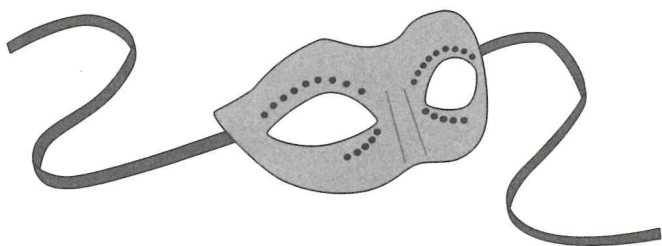
6				1					4
					0	3			
			0		7	5			
	5	3				6	8		
	9	4		3					2
2					1		9	0	
		8	9				7	2	
			2	6		9			
			3	5					
1					8				5





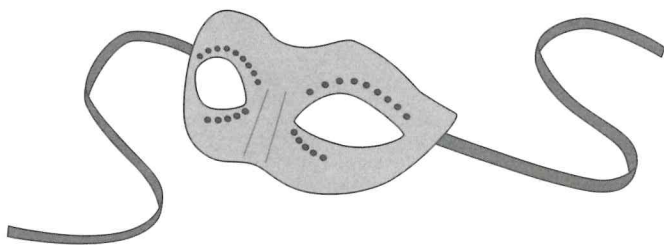
## Puzzle 48

	8	6	5						0
4					6				
2						7	8		
			7	0			5		
		7			1		6	9	
	4	1		9			3		
		5			2	8			
		2	8						9
				6					1
1						4	7	6	



## Puzzle 49

						8	9		2
			3	6	0				
	5								1
	1			4		7			5
	9		4			0			
			5			6		1	
4			1		8			7	
7								6	
				8	9	3			
5		3	6						



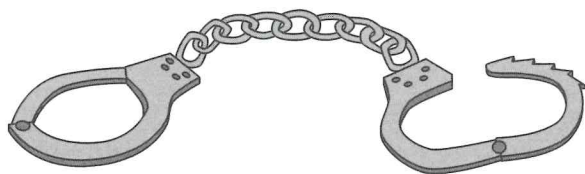
## Puzzle 50

9	1						4	2	8
	2		4	5			6		
				1					
		4			0	6		5	
		2	5					0	
	7					2	9		
	8		7	3			0		
					9				
		7			2	0		3	
0	3	1						4	6



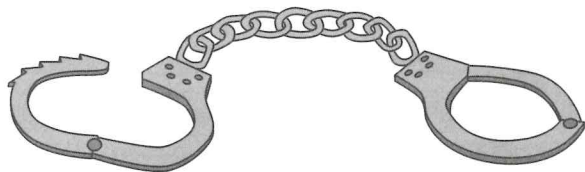
## Puzzle 51

					8			2	9
		2		6	4				0
				4	3				
	9					7			
	3	5		8			2	7	
	0	4			5		8	6	
			3					8	
				1	7				
8				7	2		3		
4	6			0					



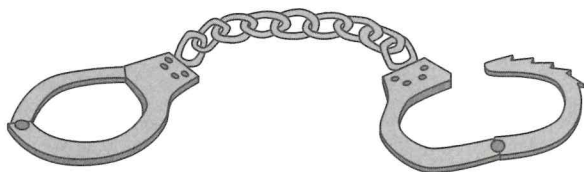
## Puzzle 52

1						6		2	
3		7		5					
				2	1		9		0
		6			5				4
		3			8		4		
		4		0			7		
2				3			6		
4		9		6	7				
					4		2		5
	0		5						3



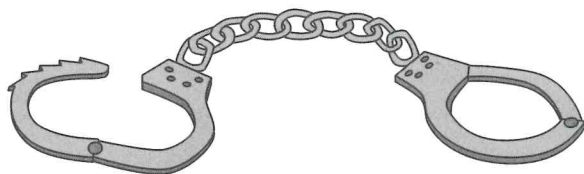
## Puzzle 53

				8					
			1	3	5				
				9		7			
0	2					8			
4	1	0				9	5	6	
	9	5	2				0	7	3
			8					4	5
			9		7				
				1	3	6			
					0				



## Puzzle 54

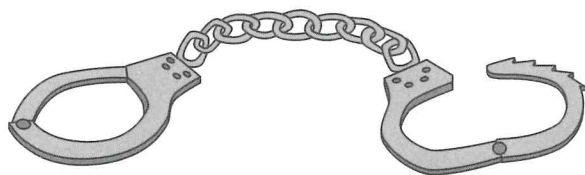
0				5	9	2			
					0	1			
7				2		8			
1	4	6	9				7		
	5						2		9
8		9						3	
		8				7	4	5	0
			0		8				3
			6	1					
			5	3	6				1





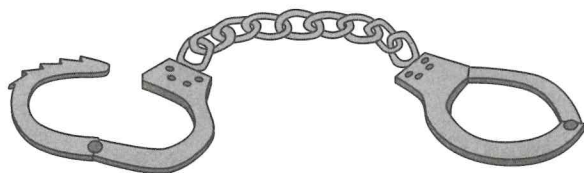
## Puzzle 55

2				8	7				
				3	9				
				6	2		1		
			5	7					
1	4	7	9				5	2	8
8	3	6				7	9	0	4
					6	1			
		5		1	0				
				4	5				
				2	8				7



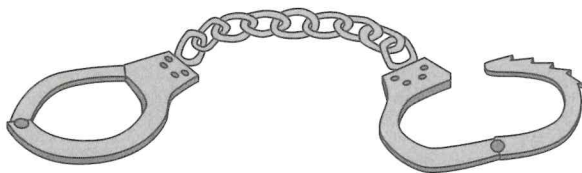
## Puzzle 56

						4			5
	0					7			1
4	7	6		3		1			
				0		3	9		
		2					1		
		8					7		
		3	4		7				
			1		5		8	3	4
3			5					7	
2			6						



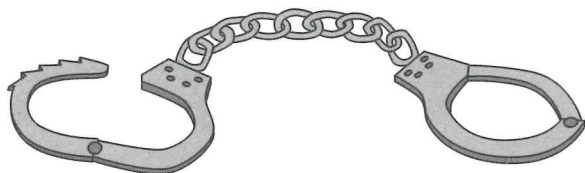
## Puzzle 57

				1	0	6			
7						9	2		
2									
			4	5	8	3			
	7	6					3	2	
	1	4					5	6	
			7	0	2	1			
									0
		0	1						4
			6	8	3				



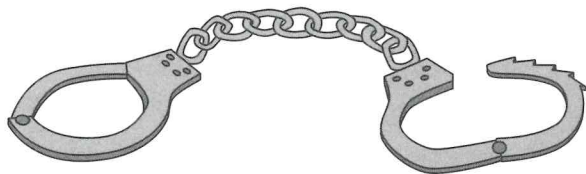
## Puzzle 58

		4	0		2				
	1								
5				7		8	6		
2			8	6			3		0
		1	5						
						4	2		
4		5			1	3			9
		8	9		7				5
								4	
				3		7	5		



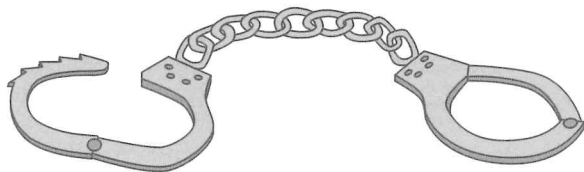
## Puzzle 59

	6		2	5	0				
					8	4			
						7	5		
7			5				3	9	
9								2	7
2	1								4
	5	0				6			3
		7	6						
			1	2					
				4	1	2		0	



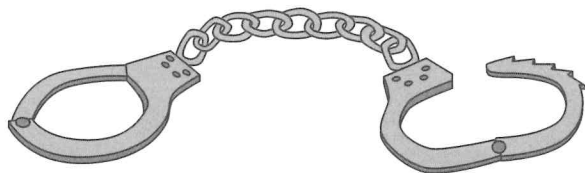
## Puzzle 60

3	8					2	7		
	0	5		4			1	6	
		6			0			9	
						4			
	4					9			
			7					4	
			1						
	5			2			3		
	1	4			9		6	8	
		8	0					3	7



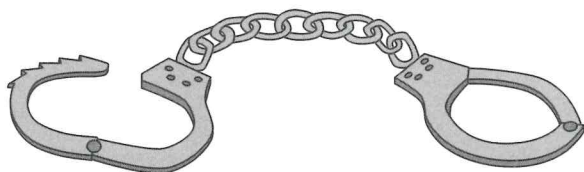
## Puzzle 61

3	2						4		
8					3	9			
						6			9
	5	9	4						2
			2			8			3
1			6			0			
0						4	3	5	
7			8						
			5	2					6
		6						1	0



## Puzzle 62

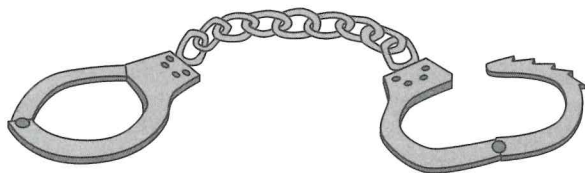
5			1		6				
9					8	2			
			9						
0			4			7		9	
			6					2	3
8	1					0			
	6		5			4			1
						6			
			2	1					6
				3		8			0





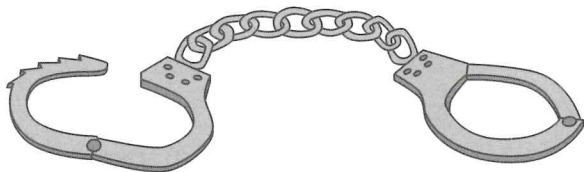
## Puzzle 63

	6				4				
2	4	9			3				
	9				0		7		
			7				1	2	6
							2		
		0							
3	0	6				4			
		5		9				6	
				1			8	3	0
				2				5	



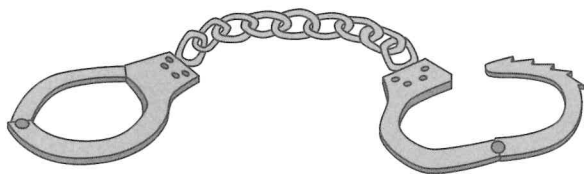
## Puzzle 64

	0	5			7				
2	1								
6					9	2	1		
			3	9			8		
		7	1				0		5
9		6				1	7		
		3			2	4			
		4	2	6					3
								7	2
				5			6	4	



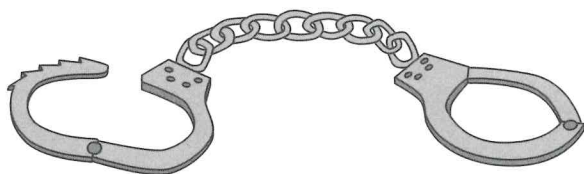
## Puzzle 65

			5	7				0	3
			2						7
		9	3		6	5			
	5	0				3			
	9					2		4	6
2	4		6					9	
			7				6	5	
			9	5		7	4		
1						8			
3	7				0	1			



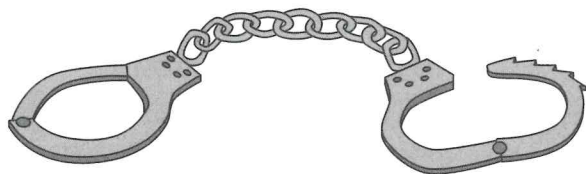
## Puzzle 66

6				5					1
			7	9		5			
				2		0			
	3	0	1			2		9	
				6			2	4	0
1	4	8			9				
	0		6			1	4	8	
			5		0				
			4		2	9			
2					7				3



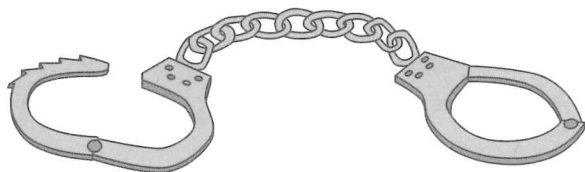
## Puzzle 67

	6			3	7				0
			7						
			2	4			1		
	5						8		9
2			4			8			7
1			0			6			5
8		9						1	
		4			5	7			
						0			
0				1	4			6	



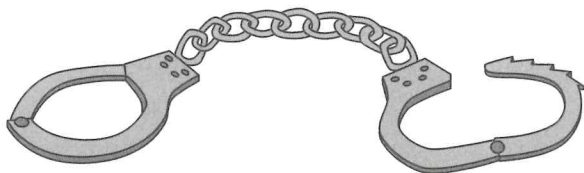
## Puzzle 68

						0			
	5	2	8			3	9	6	
								2	
2	9	6	7	4		8			
	8					9			
			6					1	
			2		9	7	6	3	8
	6								
	3	9	4			2	0	8	
			0						



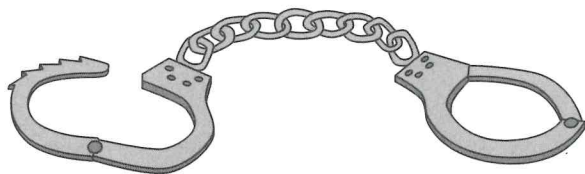
## Puzzle 69

2				3		7			
		6	8	1					
		4							6
							5	2	8
					3	0	9		
		9	7	8					
9	8	2							
4							6		
					8	2	0		
			1		9				4



## Puzzle 70

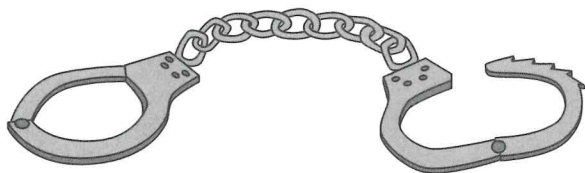
	0				7				
			9		0				
			7		6		8		
0			8				4		
1			4				5	7	3
6	2	5				1			0
		7				4			6
		8		4		0			
				2		8			
				3				2	





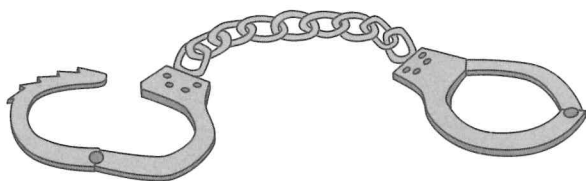
## Puzzle 71

						5	3		9
					1	7			
8				2	0				
		4	3				1		
	3	6				4			5
2			7				8	0	
		9				2	7		
				3	6				1
			4	5					
6		7	8						



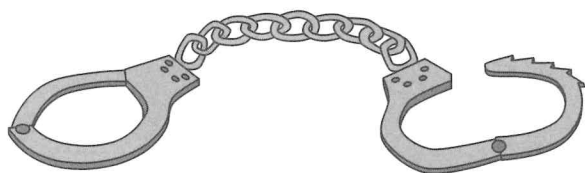
## Puzzle 72

		0	3		8	5			
			6		4				
							3		
8			4						1
9		4	0				2		8
5		1				6	4		7
6						2			5
		2							
				3		7			
			5	0		4	8		



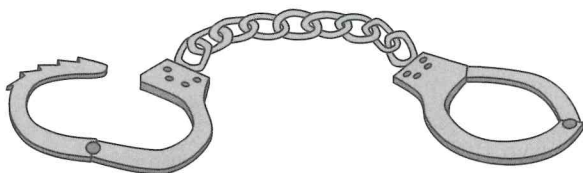
## Puzzle 73

	1						9		8
2				7		0			
0			5	9					
			8				5		
	6						3	8	
	4	8						2	
		6				3			
					5	2			0
			0		9				3
7		9						6	



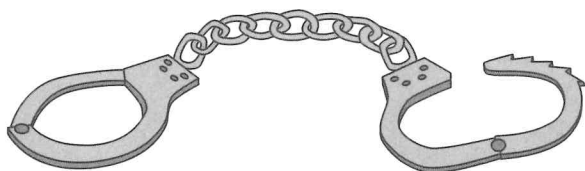
## Puzzle 74

								5	1
			6	9	0	7		3	4
9	6			5					
	2					9			
						8	3		
		9	3						
			0					2	
					6			4	5
3	0		2	8	5	4			
6	9								



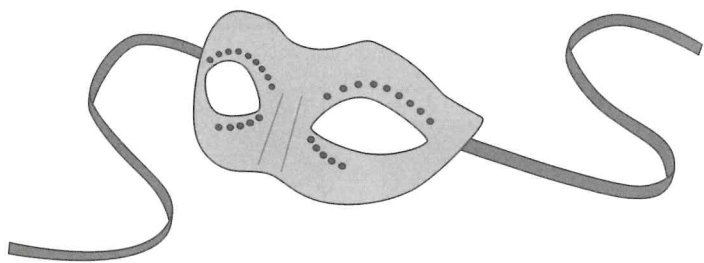
## Puzzle 75

6	1							7	8
5	9			4	0			2	3
		3		7	2				
						3	0		
						9	5		
		2	8						
		7	4						
				5	9		4		
7	2			8	6			4	1
0	3							9	5





# Answers



Puzzle 1

5	1	6	7	4	9	3	8	2	0
9	3	8	0	2	5	4	1	7	6
2	9	1	6	3	8	5	7	0	4
7	5	4	8	0	3	6	2	1	9
4	8	0	1	9	7	2	3	6	5
3	2	7	5	6	0	8	4	9	1
8	0	2	4	7	6	1	9	5	3
1	6	3	9	5	4	7	0	8	2
0	7	5	3	1	2	9	6	4	8
6	4	9	2	8	1	0	5	3	7

Puzzle 2

4	9	5	8	0	3	7	2	1	6
1	2	3	7	6	9	4	8	5	0
8	7	0	1	2	5	6	4	9	3
9	5	6	3	4	1	2	7	0	8
0	8	4	2	5	7	3	9	6	1
3	6	1	9	7	8	5	0	4	2
7	4	2	6	9	0	1	3	8	5
5	1	8	0	3	4	9	6	2	7
2	3	9	5	8	6	0	1	7	4
6	0	7	4	1	2	8	5	3	9

Puzzle 3

3	8	5	0	1	2	9	4	6	7
4	7	6	9	2	5	3	1	0	8
2	4	8	5	0	1	7	3	9	6
6	3	9	1	7	8	0	2	5	4
1	9	0	4	3	6	8	5	7	2
8	6	7	2	5	0	1	9	4	3
5	2	1	7	8	9	4	6	3	0
9	0	3	6	4	7	2	8	1	5
7	1	4	8	6	3	5	0	2	9
0	5	2	3	9	4	6	7	8	1

Puzzle 4

1	0	5	8	3	6	4	2	7	9
7	4	9	6	2	5	8	0	3	1
8	2	3	5	0	1	7	9	4	6
4	6	1	9	7	0	2	8	5	3
6	3	8	2	5	7	9	1	0	4
9	7	0	1	4	8	3	5	6	2
5	1	7	3	6	2	0	4	9	8
0	8	2	4	9	3	6	7	1	5
2	9	6	7	1	4	5	3	8	0
3	5	4	0	8	9	1	6	2	7

Puzzle 5

6	0	8	4	7	3	2	5	9	1
3	9	1	2	5	7	4	6	8	0
8	5	2	6	9	1	3	0	7	4
4	1	7	3	0	5	8	9	2	6
1	6	3	0	8	9	5	7	4	2
9	7	4	5	2	6	1	8	0	3
7	2	9	8	3	0	6	4	1	5
5	4	0	1	6	8	7	2	3	9
0	3	5	7	4	2	9	1	6	8
2	8	6	9	1	4	0	3	5	7

Puzzle 6

6	1	3	0	2	7	5	9	8	4
5	7	4	9	8	6	1	3	2	0
7	6	2	4	5	3	9	8	0	1
1	9	8	3	0	2	4	5	7	6
3	5	1	8	7	9	0	4	6	2
0	4	9	2	6	1	3	7	5	8
8	3	0	6	9	5	2	1	4	7
4	2	7	5	1	0	8	6	3	9
2	8	6	1	3	4	7	0	9	5
9	0	5	7	4	8	6	2	1	3



### Puzzle 7

4	3	6	2	0	5	1	8	9	7
1	8	9	7	5	4	6	0	3	2
0	6	2	8	7	9	5	1	4	3
9	5	3	4	1	2	0	7	6	8
6	1	8	5	2	7	4	3	0	9
7	0	4	3	9	8	2	6	5	1
5	9	7	1	3	0	8	4	2	6
2	4	0	6	8	3	7	9	1	5
8	2	1	9	4	6	3	5	7	0
3	7	5	0	6	1	9	2	8	4

### Puzzle 8

0	1	8	5	4	7	3	6	9	2
6	7	2	3	9	5	1	4	8	0
7	5	9	6	8	1	0	2	3	4
1	4	3	0	2	8	7	5	6	9
5	9	6	1	0	4	2	8	7	3
2	8	4	7	3	9	6	1	0	5
3	6	0	4	5	2	9	7	1	8
9	2	1	8	7	0	5	3	4	6
8	0	7	2	6	3	4	9	5	1
4	3	5	9	1	6	8	0	2	7

### Puzzle 9

8	1	9	5	0	4	6	2	7	3
3	7	6	4	2	8	9	0	1	5
0	4	2	3	6	1	5	8	9	7
9	5	1	8	7	3	2	4	0	6
5	6	7	2	9	0	8	1	3	4
4	0	3	1	8	6	7	9	5	2
1	2	0	7	5	9	3	6	4	8
6	3	8	9	4	7	0	5	2	1
2	9	4	6	3	5	1	7	8	0
7	8	5	0	1	2	4	3	6	9

### Puzzle 10

4	6	2	9	7	8	3	5	1	0
8	5	3	1	0	7	4	2	9	6
6	2	7	5	1	3	0	9	8	4
9	4	0	8	3	5	2	1	6	7
3	9	1	2	8	0	6	7	4	5
7	0	5	6	4	1	9	8	2	3
5	1	4	7	6	9	8	0	3	2
2	3	8	0	9	4	7	6	5	1
0	8	6	3	5	2	1	4	7	9
1	7	9	4	2	6	5	3	0	8

### Puzzle 11

2	9	6	0	5	4	1	7	8	3
8	3	7	4	1	9	2	0	6	5
3	6	0	2	9	5	7	4	1	8
1	4	8	5	7	3	0	9	2	6
7	5	9	8	4	1	6	2	3	0
6	0	1	3	2	7	8	5	4	9
5	1	2	9	8	0	3	6	7	4
4	7	3	6	0	8	9	1	5	2
0	8	5	7	6	2	4	3	9	1
9	2	4	1	3	6	5	8	0	7

### Puzzle 12

5	7	3	8	1	9	6	0	2	4
0	4	9	2	6	5	8	7	3	1
2	5	6	7	4	0	3	1	9	8
9	1	8	3	0	2	7	4	6	5
6	0	2	4	9	7	1	5	8	3
1	3	7	5	8	6	4	9	0	2
7	8	1	9	5	3	0	2	4	6
3	6	4	0	2	1	5	8	7	9
4	2	5	6	7	8	9	3	1	0
8	9	0	1	3	4	2	6	5	7

**Puzzle 13**

0	9	4	6	3	2	5	1	7	8
7	1	2	8	5	0	6	3	4	9
8	6	9	7	1	3	4	5	0	2
5	3	0	4	2	1	7	8	9	6
1	4	3	0	8	5	2	9	6	7
2	5	7	9	6	4	8	0	3	1
4	8	6	3	0	9	1	7	2	5
9	2	5	1	7	6	0	4	8	3
3	7	1	2	4	8	9	6	5	0
6	0	8	5	9	7	3	2	1	4

**Puzzle 14**

9	0	6	7	2	3	4	8	5	1
5	4	3	1	8	2	7	9	6	0
2	1	8	5	6	9	0	3	4	7
0	7	4	3	9	8	6	2	1	5
6	3	9	2	4	7	5	1	0	8
7	8	1	0	5	6	3	4	2	9
4	5	2	8	0	1	9	6	7	3
3	9	7	6	1	5	2	0	8	4
1	6	5	4	3	0	8	7	9	2
8	2	0	9	7	4	1	5	3	6

**Puzzle 15**

3	7	5	4	2	6	1	9	8	0
6	1	8	0	9	3	2	4	5	7
0	6	9	2	5	4	8	7	3	1
8	3	1	7	4	9	5	0	6	2
9	0	4	3	1	5	7	8	2	6
7	2	6	5	8	0	9	1	4	3
2	8	0	9	3	7	4	6	1	5
5	4	7	1	6	2	0	3	9	8
1	9	2	6	7	8	3	5	0	4
4	5	3	8	0	1	6	2	7	9

**Puzzle 16**

0	3	9	7	2	6	4	1	5	8
5	1	6	4	8	7	9	2	3	0
6	2	8	1	0	3	5	7	4	9
7	5	3	9	4	2	8	6	0	1
8	0	7	5	3	4	1	9	6	2
9	4	1	2	6	0	7	3	8	5
2	7	0	3	1	8	6	5	9	4
4	8	5	6	9	1	2	0	7	3
1	9	4	0	7	5	3	8	2	6
3	6	2	8	5	9	0	4	1	7

**Puzzle 17**

5	1	7	0	6	2	9	4	3	8
3	8	2	4	9	7	1	6	5	0
6	9	5	2	8	1	0	3	7	4
1	0	4	7	3	6	2	8	9	5
0	7	3	8	1	9	5	2	4	6
4	2	6	9	5	0	3	7	8	1
7	3	9	1	4	8	6	5	0	2
2	5	8	6	0	3	4	9	1	7
8	4	0	3	2	5	7	1	6	9
9	6	1	5	7	4	8	0	2	3

**Puzzle 18**

7	4	2	6	8	9	3	0	1	5
0	3	5	1	9	2	4	7	6	8
3	9	1	5	0	8	6	2	7	4
2	7	8	4	6	5	0	1	9	3
4	0	9	7	5	1	2	3	8	6
1	8	6	3	2	0	9	4	5	7
6	5	4	0	7	3	8	9	2	1
9	2	3	8	1	6	7	5	4	0
5	6	0	2	4	7	1	8	3	9
8	1	7	9	3	4	5	6	0	2

**Puzzle 19**

2	5	1	3	6	8	9	7	0	4
0	8	4	9	7	2	6	1	5	3
9	7	2	0	5	1	3	8	4	6
6	1	8	4	3	5	7	0	9	2
7	9	3	6	1	0	4	5	2	8
5	4	0	8	2	3	1	9	6	7
4	6	5	1	9	7	8	2	3	0
8	3	7	2	0	4	5	6	1	9
1	2	6	7	4	9	0	3	8	5
3	0	9	5	8	6	2	4	7	1

**Puzzle 20**

5	3	0	8	1	4	7	9	2	6
6	4	2	7	9	8	3	5	1	0
9	6	5	1	2	3	8	7	0	4
3	8	7	0	4	2	5	6	9	1
2	9	3	6	7	1	0	8	4	5
8	1	4	5	0	6	2	3	7	9
0	2	6	3	8	9	4	1	5	7
1	7	9	4	5	0	6	2	3	8
4	5	8	9	3	7	1	0	6	2
7	0	1	2	6	5	9	4	8	3

**Puzzle 21**

2	7	9	3	1	6	4	8	0	5
0	4	5	8	6	7	2	3	9	1
8	6	7	2	5	0	3	1	4	9
3	9	1	0	4	5	6	7	8	2
1	8	0	4	2	3	9	6	5	7
7	3	6	5	9	8	1	4	2	0
6	5	2	7	0	1	8	9	3	4
4	1	3	9	8	2	5	0	7	6
9	2	8	6	7	4	0	5	1	3
5	0	4	1	3	9	7	2	6	8

**Puzzle 22**

8	6	5	3	1	9	2	4	7	0
0	9	4	2	7	5	8	6	1	3
3	2	1	7	9	6	4	0	5	8
6	8	0	4	5	1	7	3	2	9
5	7	3	0	6	4	1	8	9	2
4	1	2	9	8	0	6	5	3	7
1	5	7	8	3	2	0	9	6	4
2	0	9	6	4	7	3	1	8	5
9	4	8	1	2	3	5	7	0	6
7	3	6	5	0	8	9	2	4	1

**Puzzle 23**

8	9	7	3	6	1	5	4	2	0
2	0	4	1	5	8	9	7	6	3
5	4	0	6	8	9	3	2	1	7
7	1	3	2	9	0	4	8	5	6
3	5	9	4	7	6	2	0	8	1
6	8	2	0	1	5	7	3	4	9
0	7	1	5	2	3	8	6	9	4
9	3	6	8	4	2	0	1	7	5
4	6	8	9	0	7	1	5	3	2
1	2	5	7	3	4	6	9	0	8

**Puzzle 24**

7	3	9	8	0	2	4	6	5	1
5	6	2	4	1	0	9	7	3	8
0	1	5	3	4	9	7	8	6	2
8	9	7	6	2	5	1	3	4	0
4	7	6	0	8	1	3	5	2	9
3	5	1	2	9	4	8	0	7	6
6	2	8	1	7	3	0	4	9	5
9	4	0	5	3	6	2	1	8	7
1	8	3	9	6	7	5	2	0	4
2	0	4	7	5	8	6	9	1	3

**Puzzle 25**

1	7	0	5	2	9	8	6	4	3
9	8	3	6	4	1	0	2	5	7
2	1	7	0	8	5	6	4	3	9
5	4	9	3	6	2	1	7	8	0
6	3	2	8	9	4	5	0	7	1
7	5	4	1	0	3	2	8	9	6
3	6	8	2	1	7	9	5	0	4
0	9	5	4	7	6	3	1	2	8
8	2	1	7	3	0	4	9	6	5
4	0	6	9	5	8	7	3	1	2

**Puzzle 26**

7	2	4	0	1	6	8	3	5	9
3	9	5	8	6	4	1	2	7	0
0	1	7	2	9	5	3	8	4	6
8	5	3	6	4	0	2	7	9	1
9	6	0	1	7	2	5	4	3	8
2	3	8	4	5	9	6	0	1	7
5	4	1	7	8	3	0	9	6	2
6	0	2	9	3	1	7	5	8	4
1	8	9	5	0	7	4	6	2	3
4	7	6	3	2	8	9	1	0	5

**Puzzle 27**

8	5	4	9	2	6	1	0	3	7
3	0	1	7	6	9	2	5	4	8
2	9	5	8	1	0	4	3	7	6
4	3	6	0	7	1	9	8	5	2
7	4	8	6	3	5	0	2	1	9
5	1	0	2	9	8	7	4	6	3
1	7	9	5	4	2	3	6	8	0
0	6	2	3	8	7	5	1	9	4
9	8	3	1	0	4	6	7	2	5
6	2	7	4	5	3	8	9	0	1

**Puzzle 28**

4	5	7	8	2	3	9	6	1	0
3	6	1	9	0	7	8	5	4	2
0	7	8	5	6	4	2	3	9	1
2	1	9	3	4	8	6	0	7	5
7	4	2	1	9	5	0	8	6	3
8	0	5	6	3	1	4	7	2	9
9	3	6	2	7	0	5	1	8	4
1	8	0	4	5	9	7	2	3	6
5	2	4	7	1	6	3	9	0	8
6	9	3	0	8	2	1	4	5	7

**Puzzle 29**

4	7	0	6	8	2	5	1	9	3
1	9	2	3	5	4	6	7	0	8
3	8	1	4	0	9	7	5	2	6
9	5	7	2	6	1	0	3	8	4
6	0	9	1	4	3	8	2	7	5
8	3	5	7	2	6	9	4	1	0
0	2	4	5	9	8	1	6	3	7
7	1	6	8	3	0	4	9	5	2
5	4	3	0	1	7	2	8	6	9
2	6	8	9	7	5	3	0	4	1

**Puzzle 30**

7	1	9	2	6	8	5	0	4	3
0	4	3	5	8	1	2	9	6	7
5	2	7	4	0	6	9	3	1	8
8	9	1	6	3	5	4	2	7	0
2	0	5	9	7	3	6	1	8	4
3	6	4	8	1	9	0	7	5	2
1	3	6	0	2	4	7	8	9	5
4	5	8	7	9	2	3	6	0	1
6	8	0	3	4	7	1	5	2	9
9	7	2	1	5	0	8	4	3	6



**Puzzle 31**

3	4	1	8	5	0	7	6	9	2
0	7	6	2	9	5	3	4	1	8
2	6	3	7	1	4	8	9	0	5
4	5	9	0	8	1	6	3	2	7
6	9	7	3	2	8	0	1	5	4
8	1	0	5	4	7	9	2	6	3
7	3	5	1	6	2	4	0	8	9
9	2	8	4	0	3	1	5	7	6
5	0	4	6	7	9	2	8	3	1
1	8	2	9	3	6	5	7	4	0

**Puzzle 32**

1	6	2	3	7	0	8	5	4	9
5	9	0	4	8	2	1	7	3	6
4	2	1	5	6	7	9	0	8	3
0	3	8	7	9	6	4	2	5	1
8	1	6	0	4	9	5	3	7	2
3	5	7	9	2	1	6	4	0	8
7	8	3	2	1	5	0	6	9	4
9	4	5	6	0	8	3	1	2	7
2	0	9	1	3	4	7	8	6	5
6	7	4	8	5	3	2	9	1	0

**Puzzle 33**

3	8	4	1	6	2	7	5	9	0
9	2	5	0	7	6	3	8	1	4
0	3	1	8	5	4	6	9	7	2
7	4	9	6	2	8	0	3	5	1
5	0	8	2	3	9	1	6	4	7
6	1	7	4	9	0	8	2	3	5
2	6	3	7	8	1	5	4	0	9
1	5	0	9	4	3	2	7	6	8
4	7	2	3	0	5	9	1	8	6
8	9	6	5	1	7	4	0	2	3

**Puzzle 34**

0	6	9	3	2	8	1	4	5	7
1	5	8	4	7	9	6	0	2	3
2	9	1	7	4	3	8	6	0	5
8	3	5	6	0	1	9	2	7	4
3	7	4	2	8	6	5	1	9	0
5	1	6	0	9	2	4	7	3	8
4	2	0	1	3	5	7	9	8	6
9	8	7	5	6	4	0	3	1	2
6	0	2	9	5	7	3	8	4	1
7	4	3	8	1	0	2	5	6	9

**Puzzle 35**

3	8	7	6	0	5	1	4	9	2
2	5	9	4	1	8	6	7	3	0
4	7	3	8	5	6	9	2	0	1
1	9	6	0	2	7	3	8	5	4
9	2	5	1	6	4	7	0	8	3
8	4	0	3	7	1	5	6	2	9
7	0	1	2	8	3	4	9	6	5
5	6	4	9	3	2	0	1	7	8
0	3	2	7	4	9	8	5	1	6
6	1	8	5	9	0	2	3	4	7

**Puzzle 36**

2	7	9	5	0	8	4	1	6	3
3	6	8	1	4	9	7	5	2	0
4	0	1	6	5	3	9	8	7	2
8	9	2	7	3	0	5	6	4	1
9	8	0	4	7	2	1	3	5	6
1	2	5	3	6	4	0	7	9	8
7	1	6	8	2	5	3	4	0	9
5	3	4	0	9	6	8	2	1	7
6	5	3	9	1	7	2	0	8	4
0	4	7	2	8	1	6	9	3	5

**Puzzle 37**

6	0	9	1	7	4	8	5	2	3
5	4	2	8	3	6	9	1	7	0
7	1	0	4	8	3	6	2	5	9
3	2	5	6	9	1	7	8	0	4
8	5	1	9	2	0	4	7	3	6
0	6	7	3	4	8	5	9	1	2
2	9	4	0	5	7	3	6	8	1
1	8	3	7	6	2	0	4	9	5
9	7	6	2	0	5	1	3	4	8
4	3	8	5	1	9	2	0	6	7

**Puzzle 38**

0	5	4	8	9	3	2	6	1	7
1	7	3	6	2	4	0	9	5	8
2	6	5	1	7	9	8	3	4	0
4	0	9	3	8	1	5	7	2	6
6	2	7	5	4	8	3	1	0	9
3	8	1	9	0	2	7	4	6	5
5	9	2	4	3	7	6	0	8	1
8	1	0	7	6	5	9	2	3	4
9	4	6	2	5	0	1	8	7	3
7	3	8	0	1	6	4	5	9	2

**Puzzle 39**

7	9	8	5	1	2	4	3	0	6
6	2	3	4	0	1	9	5	7	8
5	8	7	1	2	6	3	0	9	4
3	6	9	0	4	8	2	7	5	1
9	0	4	3	5	7	8	6	1	2
8	1	2	7	6	4	0	9	3	5
2	4	0	9	7	5	6	1	8	3
1	3	5	6	8	9	7	4	2	0
4	7	1	2	3	0	5	8	6	9
0	5	6	8	9	3	1	2	4	7

**Puzzle 40**

7	8	2	6	5	0	3	9	1	4
3	1	9	0	4	8	6	7	2	5
4	3	7	5	2	1	9	8	0	6
8	6	0	1	9	3	7	5	4	2
6	5	1	2	0	4	8	3	9	7
9	4	3	7	8	2	1	6	5	0
1	9	8	4	7	5	0	2	6	3
0	2	5	3	6	7	4	1	8	9
5	0	6	8	3	9	2	4	7	1
2	7	4	9	1	6	5	0	3	8

**Puzzle 41**

7	9	4	8	1	2	0	5	6	3
3	2	0	6	5	7	1	8	4	9
0	6	5	4	8	3	9	7	2	1
1	7	9	2	3	6	5	4	8	0
8	5	2	3	0	1	6	9	7	4
9	1	6	7	4	8	3	0	5	2
4	0	3	9	7	5	8	2	1	6
6	8	1	5	2	9	4	3	0	7
2	4	8	1	9	0	7	6	3	5
5	3	7	0	6	4	2	1	9	8

**Puzzle 42**

3	7	2	1	8	6	5	0	9	4
9	6	5	0	4	2	8	7	3	1
5	4	7	9	3	1	6	8	2	0
0	1	8	6	2	3	4	9	5	7
4	2	0	7	5	8	3	6	1	9
1	3	9	8	6	4	7	5	0	2
6	5	1	2	7	9	0	3	4	8
8	9	4	3	0	7	2	1	6	5
7	0	6	4	1	5	9	2	8	3
2	8	3	5	9	0	1	4	7	6

**Puzzle 43**

2	0	4	1	9	7	8	3	5	6
8	3	5	6	7	1	2	0	9	4
3	1	7	4	6	5	0	9	2	8
9	2	8	5	0	6	7	4	3	1
1	8	0	7	2	3	4	5	6	9
5	6	9	3	4	8	1	2	0	7
0	7	1	2	3	9	6	8	4	5
4	5	6	9	8	0	3	1	7	2
7	4	3	8	5	2	9	6	1	0
6	9	2	0	1	4	5	7	8	3

**Puzzle 44**

3	2	6	8	9	1	0	5	4	7
0	1	7	4	5	9	3	2	6	8
7	8	5	2	6	4	9	1	0	3
4	0	3	9	1	2	8	7	5	6
5	3	9	0	4	8	7	6	1	2
2	6	8	1	7	5	4	3	9	0
9	7	1	5	8	3	6	0	2	4
6	4	0	3	2	7	1	9	8	5
8	9	2	6	3	0	5	4	7	1
1	5	4	7	0	6	2	8	3	9

**Puzzle 45**

0	6	5	3	1	2	7	9	8	4
7	2	4	8	9	6	5	1	3	0
6	3	8	2	4	9	0	5	7	1
9	0	1	5	7	3	6	8	4	2
4	7	9	0	5	8	1	6	2	3
8	1	3	6	2	4	9	0	5	7
5	4	7	9	0	1	3	2	6	8
3	8	2	1	6	5	4	7	0	9
2	9	6	7	3	0	8	4	1	5
1	5	0	4	8	7	2	3	9	6

**Puzzle 46**

7	4	6	9	5	2	1	0	8	3
3	8	1	0	2	4	9	5	7	6
1	2	9	8	0	6	5	3	4	7
5	6	3	4	7	1	2	8	9	0
9	3	5	2	6	0	8	7	1	4
0	1	8	7	4	9	3	6	5	2
4	7	0	3	8	5	6	9	2	1
6	5	2	1	9	7	0	4	3	8
2	9	7	6	3	8	4	1	0	5
8	0	4	5	1	3	7	2	6	9

**Puzzle 47**

6	3	0	5	1	9	8	2	7	4
7	2	9	8	4	0	3	5	6	1
8	6	1	0	2	7	5	4	3	9
4	5	3	7	9	2	6	8	1	0
0	9	4	1	3	5	7	6	8	2
2	7	5	6	8	1	4	9	0	3
5	4	8	9	0	3	1	7	2	6
3	1	7	2	6	4	9	0	5	8
9	8	2	3	5	6	0	1	4	7
1	0	6	4	7	8	2	3	9	5

**Puzzle 48**

9	8	6	5	2	4	3	1	7	0
4	7	0	1	3	6	2	9	8	5
2	5	9	4	1	3	7	8	0	6
8	6	3	7	0	9	1	5	4	2
3	0	7	2	8	1	5	6	9	4
5	4	1	6	9	7	0	3	2	8
6	9	5	3	4	2	8	0	1	7
0	1	2	8	7	5	6	4	3	9
7	3	4	0	6	8	9	2	5	1
1	2	8	9	5	0	4	7	6	3

Puzzle 49

0	4	1	7	5	6	8	9	3	2
9	8	2	3	6	0	5	1	4	7
3	5	9	8	7	4	2	6	0	1
2	1	6	0	4	3	7	8	9	5
6	9	7	4	1	5	0	3	2	8
8	2	0	5	3	7	6	4	1	9
4	6	5	1	0	8	9	2	7	3
7	3	8	9	2	1	4	5	6	0
1	7	4	2	8	9	3	0	5	6
5	0	3	6	9	2	1	7	8	4

Puzzle 50

9	1	6	0	7	5	3	4	2	8
3	2	8	4	5	1	9	6	7	0
6	0	5	2	1	3	4	8	9	7
7	9	4	3	8	0	6	2	5	1
1	6	2	5	9	7	8	3	0	4
4	7	3	8	0	6	2	9	1	5
5	8	9	7	3	4	1	0	6	2
2	4	0	1	6	9	5	7	8	3
8	5	7	6	4	2	0	1	3	9
0	3	1	9	2	8	7	5	4	6

Puzzle 51

3	7	0	4	5	8	1	6	2	9
1	8	2	9	6	4	3	7	5	0
6	5	1	7	4	3	2	0	9	8
2	9	8	0	3	6	7	1	4	5
9	3	5	6	8	0	4	2	7	1
7	0	4	1	2	5	9	8	6	3
5	2	7	3	9	1	0	4	8	6
0	4	6	8	1	7	5	9	3	2
8	1	9	5	7	2	6	3	0	4
4	6	3	2	0	9	8	5	1	7

Puzzle 52

1	4	0	9	8	3	6	5	2	7
3	6	7	2	5	9	4	0	1	8
8	3	5	4	2	1	7	9	6	0
0	7	6	1	9	5	2	3	8	4
5	2	3	6	7	8	9	4	0	1
9	1	4	8	0	2	3	7	5	6
2	8	1	7	3	0	5	6	4	9
4	5	9	0	6	7	8	1	3	2
6	9	8	3	1	4	0	2	7	5
7	0	2	5	4	6	1	8	9	3

Puzzle 53

9	5	2	0	8	6	4	3	1	7
6	7	4	1	3	5	0	2	8	9
1	8	3	6	9	2	7	4	5	0
0	2	7	5	4	9	8	6	3	1
4	1	0	3	7	8	9	5	6	2
8	9	5	2	6	4	1	0	7	3
7	3	6	8	0	1	2	9	4	5
2	4	1	9	5	7	3	8	0	6
5	0	9	4	1	3	6	7	2	8
3	6	8	7	2	0	5	1	9	4

Puzzle 54

0	3	1	4	5	9	2	6	7	8
2	9	7	8	6	0	1	3	4	5
7	0	5	3	2	4	8	9	1	6
1	4	6	9	8	3	5	7	0	2
6	5	3	7	0	1	4	2	8	9
8	1	9	2	4	5	6	0	3	7
3	6	8	1	9	2	7	4	5	0
5	2	4	0	7	8	9	1	6	3
9	8	0	6	1	7	3	5	2	4
4	7	2	5	3	6	0	8	9	1



**Puzzle 55**

2	6	9	4	8	7	5	0	3	1
7	5	0	1	3	9	2	8	4	6
9	8	4	3	6	2	0	1	7	5
0	1	2	5	7	4	8	6	9	3
1	4	7	9	0	3	6	5	2	8
8	3	6	2	5	1	7	9	0	4
3	0	8	7	9	6	1	4	5	2
4	2	5	6	1	0	3	7	8	9
6	7	3	8	4	5	9	2	1	0
5	9	1	0	2	8	4	3	6	7

**Puzzle 56**

7	6	1	3	8	0	4	2	9	5
9	0	4	2	5	6	7	3	8	1
4	7	6	9	3	2	1	5	0	8
1	2	5	8	0	4	3	9	6	7
6	3	2	7	9	8	5	1	4	0
5	4	8	0	1	3	6	7	2	9
8	5	3	4	2	7	9	0	1	6
0	9	7	1	6	5	2	8	3	4
3	1	0	5	4	9	8	6	7	2
2	8	9	6	7	1	0	4	5	3

**Puzzle 57**

9	3	8	2	1	0	6	4	5	7
7	4	5	0	6	1	9	2	8	3
2	8	3	9	7	5	4	1	0	6
6	0	1	4	5	8	3	9	7	2
0	7	6	5	9	4	8	3	2	1
8	1	4	3	2	7	0	5	6	9
3	5	9	7	0	2	1	6	4	8
1	6	2	8	4	9	5	7	3	0
5	2	0	1	3	6	7	8	9	4
4	9	7	6	8	3	2	0	1	5

**Puzzle 58**

3	7	4	0	8	2	5	1	9	6
9	1	2	6	5	4	0	7	8	3
5	0	3	1	7	9	8	6	2	4
2	4	9	8	6	5	1	3	7	0
0	2	1	5	4	8	6	9	3	7
7	8	6	3	9	0	4	2	5	1
4	6	5	7	2	1	3	8	0	9
1	3	8	9	0	7	2	4	6	5
6	5	7	2	1	3	9	0	4	8
8	9	0	4	3	6	7	5	1	2

**Puzzle 59**

8	6	4	2	5	0	3	7	1	9
0	7	1	3	9	8	4	6	5	2
3	9	2	8	1	6	7	5	4	0
7	4	6	5	0	2	1	3	9	8
9	8	5	4	6	3	0	1	2	7
2	1	3	0	7	5	8	9	6	4
1	5	0	9	8	4	6	2	7	3
4	2	7	6	3	9	5	0	8	1
6	0	8	1	2	7	9	4	3	5
5	3	9	7	4	1	2	8	0	6

**Puzzle 60**

3	8	1	6	9	4	2	7	0	5
7	0	5	2	4	8	3	1	6	9
1	2	6	4	8	0	7	5	9	3
0	3	7	9	5	6	4	2	1	8
8	4	3	5	1	7	9	0	2	6
9	6	2	7	0	3	5	8	4	1
6	7	0	1	3	2	8	9	5	4
4	5	9	8	2	1	6	3	7	0
5	1	4	3	7	9	0	6	8	2
2	9	8	0	6	5	1	4	3	7

**Puzzle 61**

3	2	7	9	5	0	1	4	6	8
8	4	1	0	6	3	9	7	2	5
2	8	3	7	1	5	6	0	4	9
6	5	9	4	0	1	7	8	3	2
5	0	4	2	7	6	8	1	9	3
1	9	8	6	3	2	0	5	7	4
0	6	2	1	9	8	4	3	5	7
7	3	5	8	4	9	2	6	0	1
4	1	0	5	2	7	3	9	8	6
9	7	6	3	8	4	5	2	1	0

**Puzzle 62**

5	8	3	1	2	6	9	7	0	4
9	4	6	0	7	8	2	1	3	5
3	7	5	9	8	0	1	4	6	2
0	2	1	4	6	3	7	5	9	8
7	9	0	6	4	1	5	8	2	3
8	1	2	3	5	7	0	6	4	9
2	6	7	5	0	9	4	3	8	1
1	3	4	8	9	2	6	0	5	7
4	0	8	2	1	5	3	9	7	6
6	5	9	7	3	4	8	2	1	0

**Puzzle 63**

7	6	1	3	8	4	2	5	0	9
2	4	9	0	5	3	1	6	7	8
5	9	2	1	6	0	8	7	4	3
8	3	4	7	0	9	5	1	2	6
6	7	8	5	3	1	0	2	9	4
9	1	0	2	4	6	7	3	8	5
3	0	6	8	7	5	4	9	1	2
1	2	5	4	9	8	3	0	6	7
4	5	7	9	1	2	6	8	3	0
0	8	3	6	2	7	9	4	5	1

**Puzzle 64**

8	0	5	4	3	7	6	2	9	1
2	1	9	6	7	0	3	4	5	8
6	7	8	5	4	9	2	1	3	0
1	2	0	3	9	4	5	8	6	7
3	4	7	1	2	6	9	0	8	5
9	5	6	0	8	3	1	7	2	4
5	8	3	7	1	2	4	9	0	6
0	9	4	2	6	8	7	5	1	3
4	6	1	9	0	5	8	3	7	2
7	3	2	8	5	1	0	6	4	9

**Puzzle 65**

6	8	1	5	7	9	4	2	0	3
9	0	3	2	4	8	6	5	1	7
4	2	9	3	1	6	5	0	7	8
7	5	0	8	6	4	3	1	2	9
5	9	8	1	0	7	2	3	4	6
2	4	7	6	3	5	0	8	9	1
8	3	4	7	2	1	9	6	5	0
0	1	6	9	5	3	7	4	8	2
1	6	5	0	9	2	8	7	3	4
3	7	2	4	8	0	1	9	6	5

**Puzzle 66**

6	2	4	3	5	8	7	9	0	1
0	8	1	7	9	3	5	6	2	4
9	6	7	8	2	4	0	1	3	5
5	3	0	1	4	6	2	7	9	8
7	5	3	9	6	1	8	2	4	0
1	4	8	2	0	9	3	5	6	7
3	0	9	6	7	5	1	4	8	2
4	1	2	5	8	0	6	3	7	9
8	7	5	4	3	2	9	0	1	6
2	9	6	0	1	7	4	8	5	3

**Puzzle 67**

4	6	1	8	3	7	2	9	5	0
5	2	0	7	9	6	1	4	8	3
9	8	3	2	4	0	5	1	7	6
7	5	6	1	0	3	4	8	2	9
2	9	5	4	6	1	8	3	0	7
1	3	7	0	8	9	6	2	4	5
8	0	9	5	7	2	3	6	1	4
3	1	4	6	2	5	7	0	9	8
6	4	2	9	5	8	0	7	3	1
0	7	8	3	1	4	9	5	6	2

**Puzzle 68**

1	7	3	9	6	2	0	8	4	5
4	5	2	8	0	7	3	9	6	1
5	0	8	1	3	6	4	7	2	9
2	9	6	7	4	1	8	5	0	3
3	8	1	5	2	0	9	4	7	6
9	4	0	6	7	8	5	3	1	2
0	1	4	2	5	9	7	6	3	8
8	6	7	3	9	4	1	2	5	0
6	3	9	4	1	5	2	0	8	7
7	2	5	0	8	3	6	1	9	4

**Puzzle 69**

2	5	0	4	3	6	7	8	9	1
7	9	6	8	1	5	4	2	3	0
8	2	4	9	5	0	1	3	7	6
6	7	1	3	0	4	9	5	2	8
1	6	5	2	4	3	0	9	8	7
0	3	9	7	8	1	6	4	5	2
9	8	2	0	6	7	5	1	4	3
4	1	3	5	7	2	8	6	0	9
3	4	7	6	9	8	2	0	1	5
5	0	8	1	2	9	3	7	6	4

**Puzzle 70**

4	0	3	2	8	7	9	6	5	1
7	6	1	9	5	0	2	3	4	8
9	3	4	7	1	6	5	8	0	2
0	5	2	8	6	1	3	4	9	7
1	8	0	4	9	2	6	5	7	3
6	2	5	3	7	4	1	9	8	0
3	9	7	5	0	8	4	2	1	6
2	1	8	6	4	9	0	7	3	5
5	7	9	1	2	3	8	0	6	4
8	4	6	0	3	5	7	1	2	9

**Puzzle 71**

1	2	0	6	7	4	5	3	8	9
4	8	3	5	9	1	7	0	6	2
8	7	1	9	2	0	6	4	5	3
5	0	4	3	6	2	8	1	9	7
9	3	6	0	8	7	4	2	1	5
2	4	5	7	1	3	9	8	0	6
0	6	9	1	4	5	2	7	3	8
7	5	8	2	3	6	0	9	4	1
3	9	2	4	5	8	1	6	7	0
6	1	7	8	0	9	3	5	2	4

**Puzzle 72**

7	4	0	3	1	8	5	9	6	2
2	8	5	6	9	4	1	0	7	3
0	1	6	7	5	2	9	3	8	4
8	9	3	4	2	7	0	6	5	1
9	7	4	0	6	5	3	2	1	8
5	3	1	2	8	9	6	4	0	7
6	0	8	1	4	3	2	7	9	5
3	5	2	9	7	0	8	1	4	6
4	6	9	8	3	1	7	5	2	0
1	2	7	5	0	6	4	8	3	9

**Puzzle 73**

3	1	0	6	4	2	7	9	5	8
2	8	5	9	7	6	0	4	3	1
0	3	1	5	9	4	6	8	7	2
4	7	2	8	6	3	1	5	0	9
9	6	7	2	0	1	4	3	8	5
1	4	8	3	5	7	9	0	2	6
5	0	6	4	2	8	3	1	9	7
8	9	3	7	1	5	2	6	4	0
6	2	4	0	8	9	5	7	1	3
7	5	9	1	3	0	8	2	6	4

**Puzzle 74**

2	7	0	4	3	8	6	9	5	1
5	1	8	6	9	0	7	2	3	4
9	6	3	7	5	2	1	4	8	0
1	2	4	8	0	7	9	5	6	3
7	4	5	1	6	9	8	3	0	2
0	8	9	3	2	4	5	6	1	7
4	5	6	0	7	1	3	8	2	9
8	3	2	9	1	6	0	7	4	5
3	0	7	2	8	5	4	1	9	6
6	9	1	5	4	3	2	0	7	8

**Puzzle 75**

6	1	0	2	3	5	4	9	7	8
5	9	8	7	4	0	6	1	2	3
1	4	3	0	7	2	5	8	6	9
8	6	9	5	2	7	3	0	1	4
3	7	1	6	0	4	9	5	8	2
4	5	2	8	9	1	7	6	3	0
9	0	7	4	1	3	8	2	5	6
2	8	6	3	5	9	1	4	0	7
7	2	5	9	8	6	0	3	4	1
0	3	4	1	6	8	2	7	9	5





When you're in the mood for some punishing sudoku, this variant of the popular puzzle will really hit the spot.

EACH  $10 \times 10$  GRID IS DIVIDED INTO TEN  $5 \times 2$  REGIONS. EVERY ROW, COLUMN, AND  $5 \times 2$  BOX CONTAINS THE DIGITS 0 TO 9 STRICTLY ONCE EACH.

IN ADDITION, THERE ARE FIVE SHADED AREAS OF 10 BOXES EACH, AND THOSE AREAS CONTAIN THE DIGITS 0 TO 9 ONCE EACH AS WELL.

You'll need to go beyond regular sudoku logic into those 50 squares of grey to beat these puzzles. They'll have your brain tied up in knots!



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